

CLAIMS

1. Machine for the multiple cutting-off of rolls of kitchen and/or toilet paper from logs which comprises a bed (18) onto which at least two logs (15) are fed  
5 through a respective conveyor with thrusters (12) towards a cutting head (20), characterised in that said conveyor with thrusters (12) passes below said cutting head (20) which comprises a cutting device using high-pressure water (21, 22, 23) which acts transversally on  
10 said at least two logs (15) separating an equal number of finished rolls (10) of a predetermined length.
2. Machine according to claim 1, characterised in that said cutting device using high-pressure water (21, 22, 23) is mounted on a portal structure (26) which can be  
15 displaced forwards and/or backwards with respect to said bed (18).
3. Machine according to claim 2, characterised in that said portal structure (26) carries said cutting device using high-pressure water (20) comprising a cutting  
20 nozzle (21) connected through a duct (22) to a high-pressure water source (23).
4. Machine according to claim 1, characterised in that said cutting device using high-pressure water (20) comprises a cutting nozzle (21) arranged on an arm (24)  
25 rotating or oscillating around a pin (25) arranged on a portal structure (26).

5. Machine according to claim 1, characterised in that said conveyor with thrusters (12) is actuated by a stepper motor (19) according to steps equivalent to the predetermined length of finished rolls (10).

5 6. Machine according to claim 1, characterised in that said at least two logs (15) are arranged in channels (17) in which thrusters (13) of said conveyor (12) are inserted.